

PENNIE & EDMONDS LLP DOCKET NO. 7853-140

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE

and for which a patent application:

was filed in the United States on April 8, 1999 as Application No. 09/288,292
with amendment(s) filed on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/011,787	February 16, 1996

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/870,434	June 6, 1997		X	
08/799,910	February 13, 1997		X	
08/485,573	June 7, 1995		X	
08/386,844	February 10, 1995		X	

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Benj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Simpson (Reg. No. 33607), William S. Galliani (Reg. No. 33885), Gary S. Williams (Reg. No. 31066), Mark A. Farley (Reg. No. 33170) and Ann L. Gisolfi (Reg. No. 31956), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

PENNIE & EDMONDS LLP DOCKET NO. 7853-140

SEND CORRESPONDENCE TO:		PENNIE & EDMONDS LLP 1667 K Street, N.W. Washington, D.C. 20006		DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LLP DOCKETING (202) 496-4444	
201	FULL NAME OF INVENTOR	LAST NAME GALVIN	FIRST NAME Katherine	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Cambridge	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 162 Appleton Street	CITY Cambridge	STATE OR COUNTRY MA	ZIP CODE 02138
202	FULL NAME OF INVENTOR	LAST NAME FALB	FIRST NAME Dean	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Wellesley	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 28 Swarthmore Road	CITY Wellesley	STATE OR COUNTRY MA	ZIP CODE 02482
203	FULL NAME OF INVENTOR	LAST NAME DONOVAN	FIRST NAME Michael	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Brookline	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 265 Dudley Street	CITY Brookline	STATE OR COUNTRY MA	ZIP CODE 02445
204	FULL NAME OF INVENTOR	LAST NAME HUSZAR	FIRST NAME Dennis	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Acton	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP Canada	
	POST OFFICE ADDRESS	STREET 4 Agawam Road	CITY Acton	STATE OR COUNTRY MA	ZIP CODE 01720
205	FULL NAME OF INVENTOR	LAST NAME GIMBRONE, JR.	FIRST NAME Michael	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Jamaica Plain	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 30 Hopkins Road	CITY Jamaica Plain	STATE OR COUNTRY MA	ZIP CODE 02130
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR Katherine Galvin	SIGNATURE OF INVENTOR Dean Falb	SIGNATURE OF INVENTOR Michael J. Donovan
DATE	DATE August 5, 1999	DATE
SIGNATURE OF INVENTOR Dennis Huszar	SIGNATURE OF INVENTOR Michael A. Gimbrown, Jr.	SIGNATURE OF INVENTOR
DATE	DATE	DATE

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**COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS
OF CARDIOVASCULAR DISEASE**

and for which a patent application:

☒ was filed in the United States on April 8, 1999 as Application No. 09/288,292
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I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

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(202) 496-4444

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	POST OFFICE ADDRESS	STREET 29 Pershing Rd 162 Appleton Street Jamaica Plain MA 02130	CITY Cambridge MA 02138	STATE OR COUNTRY MA 02138
202	FULL NAME OF INVENTOR	LAST NAME FALB	FIRST NAME Dean	MIDDLE NAME A.
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SIGNATURE OF INVENTOR Katherine Galvin <i>Katherine M. Galvin</i>	SIGNATURE OF INVENTOR Dean A. Falb	SIGNATURE OF INVENTOR Michael J. Donovan <i>Michael J. Donovan</i>
DATE 8-26-99	DATE	DATE 9/1/99
SIGNATURE OF INVENTOR Dennis Huszar <i>Dennis Huszar</i>	SIGNATURE OF INVENTOR Michael A. Gimbrome, Jr.	SIGNATURE OF INVENTOR
DATE 9/2/99	DATE	DATE

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2006741-020802

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	POST OFFICE ADDRESS	STREET 162 Appleton Street	CITY Cambridge	STATE OR COUNTRY MA	ZIP CODE 02138
202	FULL NAME OF INVENTOR	LAST NAME FALB	FIRST NAME Dean	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Wellesley	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
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	RESIDENCE & CITIZENSHIP	CITY Brookline	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
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	RESIDENCE & CITIZENSHIP	CITY Acton	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP Canada	
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	RESIDENCE & CITIZENSHIP	CITY Jamaica Plain	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 30 Hopkins Road	CITY Jamaica Plan	STATE OR COUNTRY MA	ZIP CODE 02130
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DATE	DATE	DATE
SIGNATURE OF INVENTOR Dennis Huszar	SIGNATURE OF INVENTOR Michael A. Gimbrown Jr.	SIGNATURE OF INVENTOR
DATE	DATE Aug. 4, 1999	DATE

ASSIGNMENT

Kg 8/26

WHEREAS, WE, Katherine Galvin, residing at ~~162 Appleton Street, Cambridge, Massachusetts 02138~~ ^{29 Pershing Rd, Jamaica Plain MA 02130}, a citizen of the United States; Dean A. Falb, residing at 28 Swarthmore Road, Wellesley, Massachusetts 02482, a citizen of the United States; Michael J. Donovan, residing at 265 Dudley Street, Brookline, Massachusetts 02445, a citizen of the United States; and Dennis Huszar, residing at 4 Agawam Road, Acton, Massachusetts 01720, a citizen of Canada; ASSIGNORS, are the inventors of the invention in

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS
OF CARDIOVASCULAR DISEASE

for which we have executed an application for a Patent of the United States

- ☒ which is identified by Pennie & Edmonds LLP docket no. 7853-140
- ☒ which was filed on April 8, 1999, Application No. 09/288,292

and WHEREAS, MILLENNIUM PHARMACEUTICALS, INC., ASSIGNEE, having a principal place of business at 640 Memorial Drive, Cambridge, Massachusetts 02139, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 8/26/99, 1999 Katherine M. Galvin L.S.
KATHERINE GALVIN

State of MASSACHUSETTS
County of MASSACHUSETTS SS.:

In the State of MASSACHUSETTS, county of MASSACHUSETTS, on 26, 1999, before me, Dennis Huszar Notary Public, personally appeared Katherine Galvin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

[Signature]

Date _____, 1999 _____ L.S.
DEAN A. FALB

State of _____)
County of _____) SS.: _____

In the State of _____, county of _____, on _____, 1999, before me, _____, Notary Public, personally appeared Dean A. Falb, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date 9/2/99, 1999 Michael J. Donovan L.S.
MICHAEL J. DONOVAN

State of MASSACHUSETTS
County of MASSACHUSETTS) SS.: _____

In the State of MASSACHUSETTS, county of MASSACHUSETTS, on 9/2/99, before me, Michael J. Donovan, Notary Public, personally appeared Michael J. Donovan, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date 9/2/99, 1999 Dennis Huszar L.S.
DENNIS HUSZAR

State of MASSACHUSETTS
County of MASSACHUSETTS) SS.: _____

In the State of MASSACHUSETTS, county of MASSACHUSETTS, on 9/2/99, before me, Dennis Huszar, Notary Public, personally appeared Dennis Huszar, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Dennis Huszar

ASSIGNMENT

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE

AUGUST
 _____, on June 14, 1999,
Michael A. Gimbrone, Jr.
 person(s) whose name(s) is subscribed to the within
 in his/her/their authorized capacity(ies), and that
 ty upon behalf of which the person(s) acted,

 My COMMISSION EXPIRES
 OCTOBER 21, 2005

JOINT

ASSIGNMENT

WHEREAS, WE, Katherine Galvin, residing at 162 Appleton Street, Cambridge, Massachusetts 02138, a citizen of the United States; Dean A. Falb, residing at 28 Swarthmore Road, Wellesley, Massachusetts 02482, a citizen of the United States; Michael J. Donovan, residing at 265 Dudley Street, Brookline, Massachusetts 02445, a citizen of the United States; and Dennis Huszar, residing at 4 Agawam Road, Acton, Massachusetts 01720, a citizen of Canada; ASSIGNORS, are the inventors of the invention in

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS
OF CARDIOVASCULAR DISEASE

for which we have executed an application for a Patent of the United States

which is identified by Pennic & Edmonds LLP docket no. 7853-140

which was filed on April 8, 1999, Application No. 09/288,292

and WHEREAS, MILLENNIUM PHARMACEUTICALS, INC., ASSIGNEE, having a principal place of business at 640 Memorial Drive, Cambridge, Massachusetts 02139, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date _____, 1999 _____ L.S.
KATHERINE GALVIN

State of _____ }
County of _____ } SS.:

In the State of _____, county of _____, on _____, 1999, before me, _____, Notary Public, personally appeared Katherine Galvin, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date August 5, 1999Dean A. Falb
DEAN A. FALB

L.S.

State of Mass. }
County of Norfolk } SS.:

In the State of Massachusetts, county of Norfolk, on Aug 5, 1999, before me, Lena Bergdon, Notary Public, personally appeared Dean A. Falb personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Dean M. Bergdon

Date _____, 1999

MICHAEL J. DONOVAN

L.S.

State of _____ }
County of _____ } SS.:

In the State of _____, county of _____, on _____, 1999, before me, _____, Notary Public, personally appeared Michael J. Donovan personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date _____, 1999

DENNIS HUSZAR

L.S.

State of _____ }
County of _____ } SS.:

In the State of _____, county of _____, on _____, 1999, before me, _____, Notary Public, personally appeared Dennis Huszar personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal
